

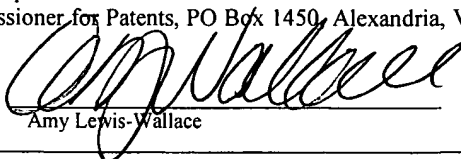
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CERTIFICATE OF MAILING 37 C.F.R. 1.8(a)

I herby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, PO Box 1450, Alexandria, VA 22313 on the date indicated below.

April 20, 2005

Amy Lewis-Wallace



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Estes, et al.

Serial No.: 10/600,662

Filed: June 20, 2003

For: **STEPPED POLYCRYSTALLINE
DIAMOND COMPACT INSERT**

Confirmation No. 5678

Group Art Unit: 3672

Attorney Docket No. ROCK.24

SUBMITTAL OF FORMAL DRAWINGS

Box Issue Fee

Attention: Official Draftsperson

Commissioner for Patents

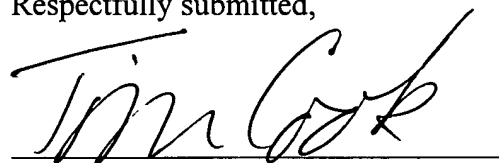
PO Box 1450

Alexandria, VA 22313

Sir:

In response with Examiner's Notice Regarding Drawings, Applicant herewith submits formal drawings of FIGS. 1-6c (4 sheets) for the above-identified patent application.

Respectfully submitted,



Tim Cook

Reg. No. 32,561

Date: April 20, 2005

Law Office of Tim Cook, PC

P.O. Box 10107

Liberty, Texas 77575

Telephone: (936) 336-8200

Facsimile: (936) 336-8203





UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NUMBER 10/600662	FILING/RECEIPT DATE 06/20/2003	FIRST NAMES APPLICANT ESTES, ROY D.	ATTORNEY DOCKET NUMBER ROCK.24
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TIM COOK
P.O. BOX 10107
LIBERTY TX 77575

Examiner

NEUDER, WILLIAM

Art Unit
3672

Paper Number

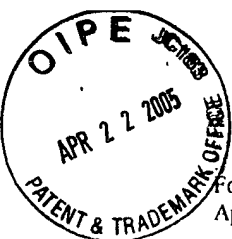
Date Mailed: 04-13-05

Notice Regarding Drawings

Corrected drawings for the above-identified application, received in the USPTO on 06/20/2003 are still not acceptable for the reason(s) identified on the attached PTO-948. Applicant is given one opportunity to correct the informalities within a two-month time period from the mailing date of this Notice. **THIS TIME PERIOD IS NOT EXTENDABLE UNDER EITHER 37 CFR 1.136(a) OR 1.136(b). Failure to take corrective action within the set period will result in abandonment of the application.**

ATTACHMENT: PTO-948 Notice of Draftsperson's Patent Review

RETURN CORRECTED DRAWINGS TO:
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450



Form PTO-948 (Rev. 06/03)

Application No. 10600662U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office**NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW**The drawing(s) filed (insert date) 06/20/03 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.
B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).

☐ Color drawings are not acceptable until petition is granted. Fig(s) _____

☐ Pencil and non black ink not permitted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b)

☐ One (1) full-tone set is required. Fig(s) _____

☐ Photographs may not be mounted. 37 CFR 1.84(e)

☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____

☐ Poor quality (half-tone). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(e)

☐ Paper not flexible, strong, white, and durable.

Fig(s) _____

☒ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted.

Fig(s) 1-6C

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable

sizes:

21.0 cm by 29.7 cm (DIN size A4) or

21.6 cm by 27.9 cm (8 1/2 x 11 inches)

☐ All drawing sheets not the same size.

Sheet(s) _____

☐ Drawings sheets not an acceptable size. Fig(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

☒ Margins not acceptable. Fig(s) 1, 5, 6A, 6C, 6D

☐ Top (T) ☒ Left (L)

☐ Right (R) ☐ Bottom (B)

6. VIEWS. 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

☐ Views not labeled separately or properly.

Fig(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

☐ Sectional designation should be noted with

Arabic or Roman numbers. Fig(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____

9. SCALE. 37 CFR 1.84(k)

☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.

Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)

☒ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 1-6C

11. SHADING. 37 CFR 1.84(m)

☐ Solid black areas pale. Fig(s) _____

☐ Solid black shading not permitted. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)

☒ Numbers and reference characters not plain and legible. Fig(s) 1-6C

☒ Figure legends are poor. Fig(s) 1-6C

☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)

Fig(s) _____

☐ English alphabet not used. 37 CFR 1.84(p)(2)

Fig(s) _____

☒ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR

1.84(p)(3). Fig(s) 1-6C

13. LEAD LINES. 37 CFR 1.84(q)

☐ Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS.

37 CFR 1.84(t)

☐ Sheets not numbered consecutively, and in Arabic

numbers beginning with number 1. Sheet(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

☐ Views not numbered consecutively, and in Arabic

numerals, beginning with number 1. Fig(s) _____

16. DESIGN DRAWINGS. 37 CFR 1.152

☐ Surface shading shown not appropriate.

Fig(s) _____

☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) _____

COMMENTS:Reviewer TangDate 04/13/05If you have questions, call (703) 305-8404. 0332 x132

Attachment to Paper No. _____